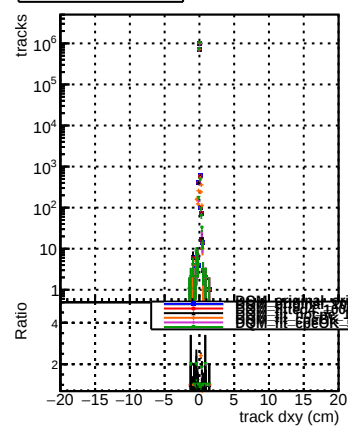
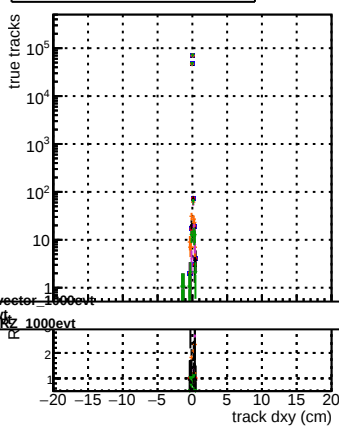


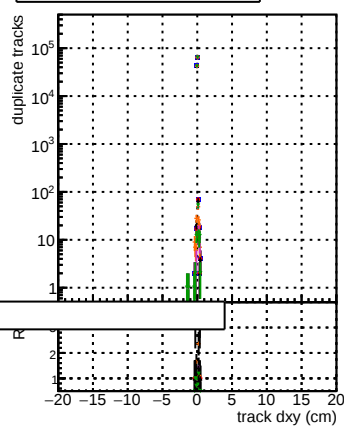
N of reco track vs dxy



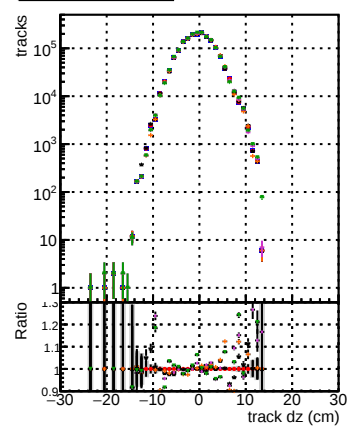
N of associated (recoToSim) tracks vs dxy



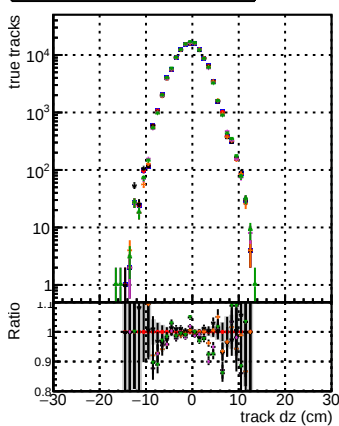
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top panel's y-axis is labeled 'fake tracks' on a logarithmic scale from 10^1 to 10^5 . It displays a distribution of data points (colored squares and circles) that peaks at approximately 2×10^5 around $dz = 0$ cm. The bottom panel's y-axis is labeled 'Ratio' on a logarithmic scale from 0.9 to 1.4. It shows the ratio of fake tracks to real tracks, with data points clustered around a horizontal line at 1.0. The ratio is generally stable, with some fluctuations and a slight dip around $dz = 0$ cm.

N of associated (recoToSim) loop tracks vs dz

